997-11.69 **AGIP**

OFFSHORE ITALIA
ZONA F

NW 4439 — LINEA F-76-04 — SE 4029

1 km

COMPAGNIE GENERALE DE GEOPHYSIQUE

DIGITAL PROCESSING P5

TIME ORIGIN: Source and cable depth

STACK 4800 %

Boat motion

742 | Date: JUNE 25 .76 | Checked

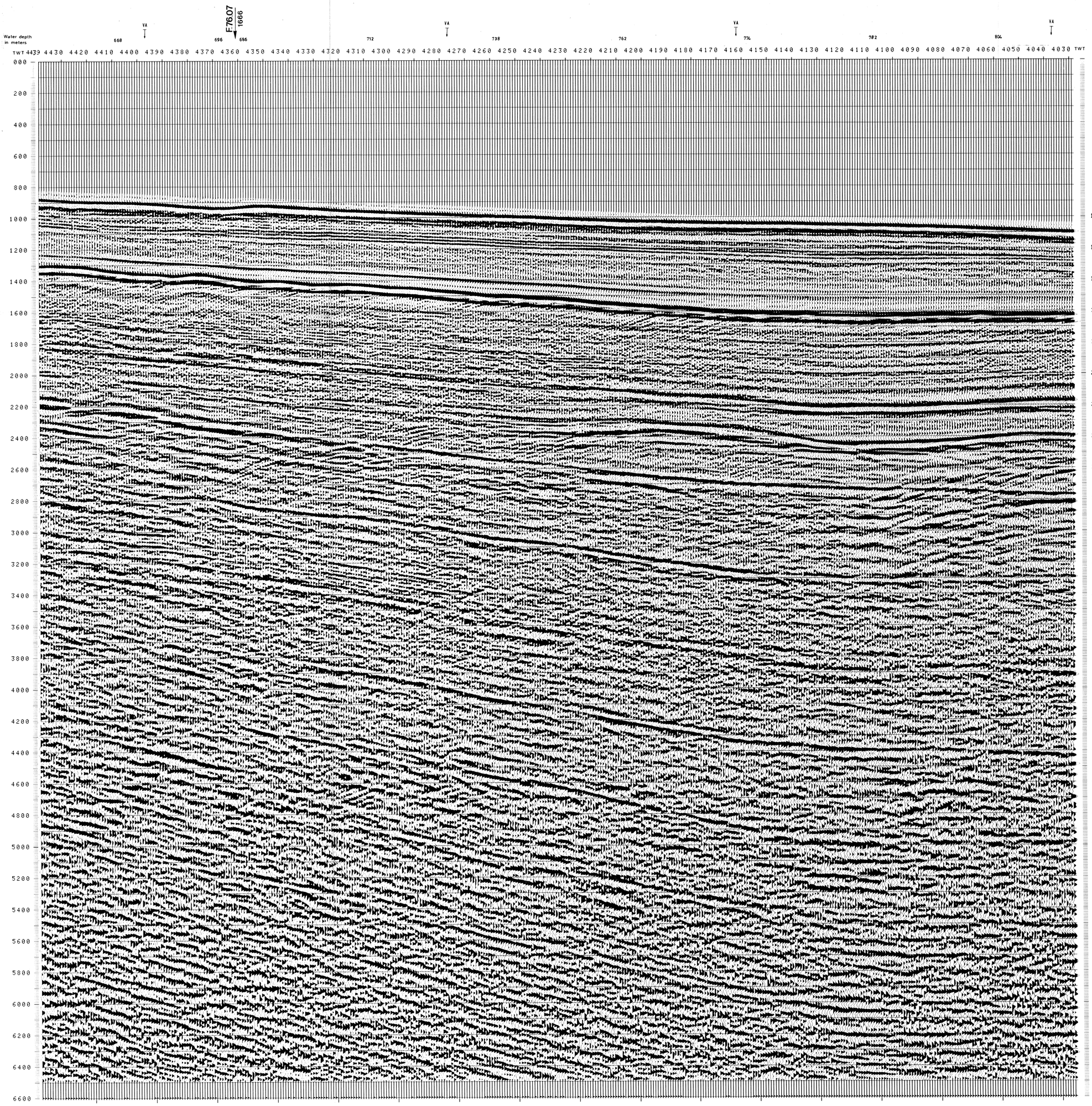
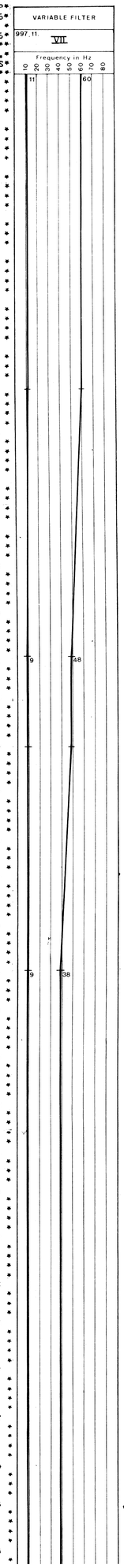
PROCESSING
SAMPLING RATE 4 ms

1 AMPLITUDE RECOVERY
2 WAPCO (stabilization by vaporchoc signal)
3 MUTING
4 DECONVOLUTION 240 ms
windows 500 2300 ms ↓ Below
1900 3600 ms ↑ sea bottom
5 VELOCITY ANALYSIS (VA)
6 NMO CORRECTIONS
(LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS)
7 STACK 4800 %
8 TIME VARIANT FILTER (Origin sea bottom)
9 TRACE EQUALIZATION
10 ANALOG DISPLAY

FIELD RECORDING
SAMPLING RATE 4 ms

Ship: POLAR BJORN Shooting date: FEB/1976
Field recorder: SN338B filter: 1/8-125
floating point sampling: 4 ms
Streamer: 2400 m (Depth 19 m)
groups: 48 (group interval: 50 m)
Geophones type: HC 201 n° 48 / group
48 Fold coverage
Energy source: VAPORCHOC (Depth 5 m)
SP tr 1 Streamer tr 48
332 m SHORAN positioning

00016



TWT	FROM SP 4516 TO SP 4516 AV. VEL. IN M/S	FROM SP 4396 TO SP 4396 AV. VEL. IN M/S	FROM SP 4276 TO SP 4276 AV. VEL. IN M/S	FROM SP 4161 TO SP 4161 AV. VEL. IN M/S	FROM SP 4036 TO SP 4035 AV. VEL. IN M/S	FROM SP 3916 TO SP 3916 AV. VEL. IN M/S
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200	1500	1500	1500	1500	1500	1500
400	1500	1500	1500	1500	1500	1500
600	1500	1500	1500	1500	1500	1500
800	1500	1500	1500	1500	1500	1500
1000	1558	1550	1500	1500	1500	1500
1200	1645	1633	1573	1533	1533	1510
1400	1822	1674	1645	1645	1599	1578
1600	1987	1764	1817	1728	1671	1634
1800	2257	1912	2050	1827	1769	1689
2000	2659	2087	2199	1927	1859	1787
2200	3020	2375	2413	2041	1944	1913
2400	3318	2774	2644	2186	2088	2099
2600	3570	3103	2873	2465	2469	2342
2800	3767	3353	3139	2840	2795	2765
3000	3974	3569	3369	3109	3182	3074
3200	4138	3759	3571	3309	3398	3257
3400	4283	3926	3749	3485	3551	3419
3600	4412	4074	3908	3641	3687	3562
3800	4527	4207	4049	3781	3809	3690
4000	4631	4327	4177	3907	3919	3806
4200	4724	4435	4292	4021	4018	3910
4400	4810	4534	4397	4124	4108	4005
4600	4887	4623	4493	4219	4190	4092
4800	4959	4706	4581	4306	4265	4171
5000	5024	4781	4661	4385	4335	4244
5200	5085	4851	4736	4459	4399	4312
5400	5141	4916	4805	4527	4458	4375
5600	5193	4976	4869	4591	4513	4433
5800	5242	5032	4929	4649	4564	4487
6000	5287	5084	4984	4704	4612	4537
6200	5329	5133	5037	4756	4657	4584
6400	5369	5179	5085	4804	4699	4628
6600	5406	5222	5131	4849	4738	4670